

Work Order ID 112372

January-30-14 11:38:02 AM

112372

Page 1

Item ID: 647.1612

Revision ID:

Item Name: Splice Plate

Start Date: 1/30/14

Start Qty: 4.00

4

Required Date: 1/30/14

Req'd Qty: 4.00

4

Reference:

Approvals:

Process Plan: MLJ

Date: 14-01-31

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

NR1

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

647.1600

A

110

0.00

110

Waterjet

FLOW CNC Waterjet

2024.090

Memo

1-Cut as per Dwg

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

0.00

4

0

Jm15-3-24

120

QC2- Inspect parts off machine FAI/FAIB

0.00

120

QC

Quality Control

Memo

0.00

4

0

Jm15-3-24

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; font-size: small;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 112372

January-30-14 11:38:02 AM

112372

Page 2

Item ID: 647.1612 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Splice Plate
 Start Date: 1/30/14 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 1/30/14 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC8- Inspect parts - second check	0.00				(4)			DAS 38 9-89

130

QC
Quality Control

Memo

0.00

MAR 24 2015

140	Outsource process-Anodize per QSI017 4.1.10.1	0.00							
-----	---	------	--	--	--	--	--	--	--

140

Outsource4

Outsource process - Anodize

Memo

Issue P/O to ATG : 27915

0.00

1- Black Anodize as per Dwg, SEE NOTE #3

2- PRIME AS PER DWG, SEE NOTE #3

Certification of Comformity is required

C2 15/03/26 4

150	Receive & Inspect for Damage & Mat'l Certs	0.00							
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150

Packaging

Packaging

Memo

0.00

4X SQ 15-04-14

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 25%;">Skid-tube ☐</td> <td style="width: 25%;">Crosstube ☐</td> <td style="width: 25%;">Water Jet ☐</td> <td style="width: 25%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
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Work Order ID 112372

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Page 3

January-30-14 11:38:02 AM

Item ID: 647.1612 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Splice Plate
 Start Date: 1/30/14 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 1/30/14 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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160	QC5- Inspect part completeness to step on W/O	0.00							DAS 30 9-89
160									
QC	Memo	0.00							
Quality Control									

APR 15 2015

190	Identify as per dwg & Stock Location: <u>SEK101</u>	0.00							DAS 26 9-89
190									
Packaging	Memo	0.00							
Packaging	***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***								

APR 15 2015

200	QC21- Final Inspection - Work Order Release	0.00							
200									
QC	Memo	0.00							
Quality Control									

ML5 15-04-16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
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Material									
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Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other _____ _____ _____
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Picklist Print

January-30-14 11:38:02 AM

Page 1

Work Order ID: 112372

Parent Item: 647.1612

Parent Item Name: Splice Plate

Start Date: 1/30/14

Required Date: 1/30/14

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 12.10.04 NEW ISSUE DD VERF:JFS
ATG DD VERF:JLM

IPP REV:B 13.09.03 now prime at

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M2024T3S.090 2024-T3 .090 sheet		Purchased	No			110	sf	26.0000	0.0322	0.1355788	0.5		Jm15-3-24

Location

Loc Qty

Loc Code

MAT022

26

123287

26

123287

DQA: _____ Date: _____



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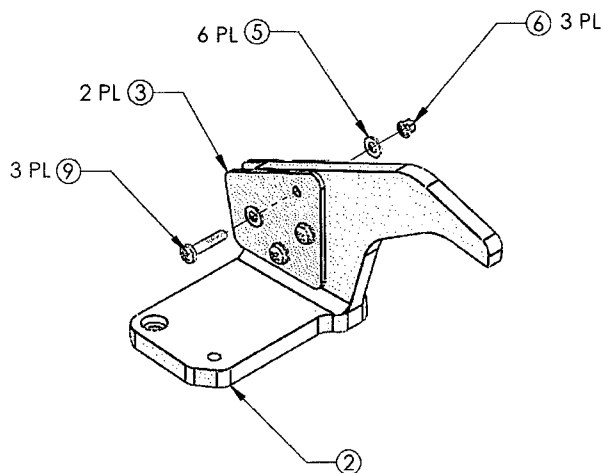
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	DWG NO. 647.1600	REV: A	PREPARED BY J. SOTO	DATE: 11/11/2013	EFFECT ON DWG ☐ INC. ☒ UNINC.	
	DWG TITLE: WIPER DEFLECTOR ASSY					
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>David Barber</i>	QC <i>[Signature]</i>	EFF. NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: REVISED F/N 8					ECR: 13-032

112372 MLC
14-01-31

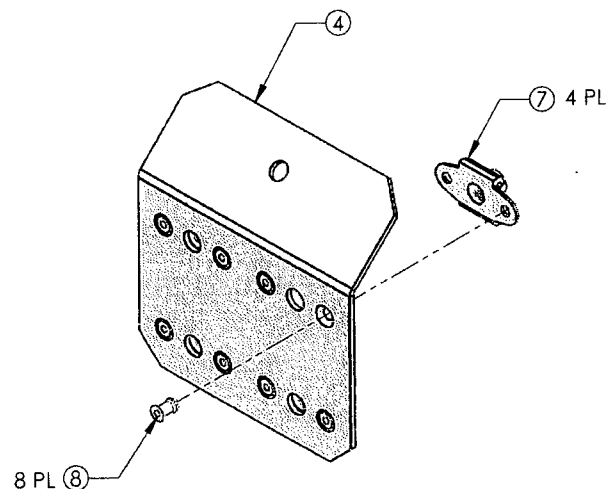
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F/N	TC	PART NUMBER	.1602	.1601	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☒ BOM						☐ MAJOR ☒ MINOR	☐ YES ☒ NO

NOTES:

- ① MATERIAL: ALUMINUM 7075-T651 AMS-QQ-A-250/12
- ② MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
- ③ FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,
CLASS 2, COLOR BLACK;
CARDINAL 4860-50 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120



647.1601 SHOWN EXPLODED



647.1602 SHOWN EXPLODED

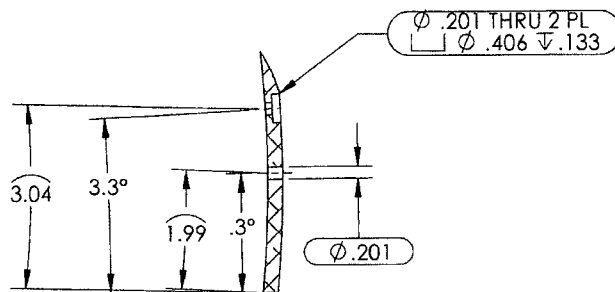
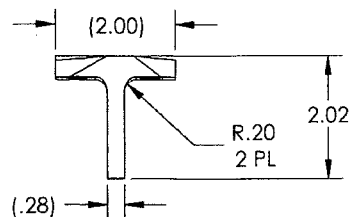
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: FR1		N/C
N/C	INITIAL RELEASE	08/10/09	F. BRAVO
A	INCORPORATED ECU D4043	08/09/13	F. BRAVO

UNINCORPORATED ECN(S)

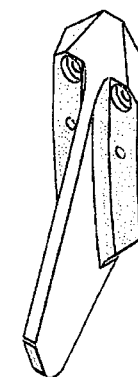
04220

	3	9	601.2989	SCREW	M5210Q39-0B12	
8	8	601.2980	NUTPLATE RIVET	CCR26455-3-04		
4	7	601.1900	NUTPLATE	M521059-3		
	3	6	601.2973	LOCKNUT	M521042-08	
	6	5	601.2764	WASHER	NAS1149FN832P	
1	4	647.1613	DOUBLER	2	3	
	2	3	647.1612	SPLICE PLATE	2	3
	1	2	647.1611	WIPER DEFLECTOR, AFT	1	3
		1	647.1610	WIPER DEFLECTOR, FWD	1	3
X			647.1602	DOUBLER ASSY		
X			647.1601	WIPER DEFLECTOR ASSY, AFT		
.1602	.1601	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY			PART LIST			
NEXT ASSY (S)			APICAL INDUSTRIES			
647.1300			2608 TEMPLE HEIGHTS DR. COUNSELS, CA. 92056-3512 (760)724-5300			
			WIPER DEFLECTOR ASSY			
			SEE CAGE CODE		DWG. NO.	REV
			B 07M26		647.1600	A
			SCALE NONE		SHEET 1 OF 6	

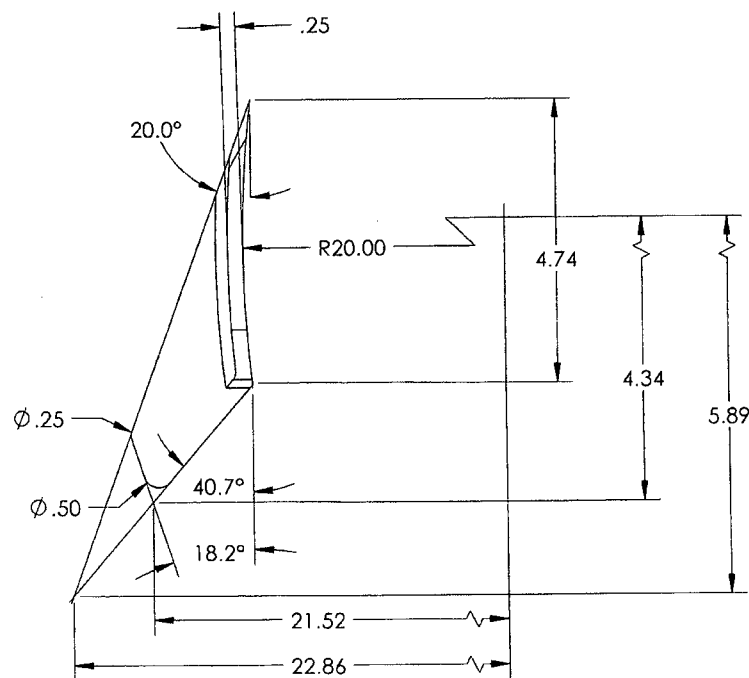
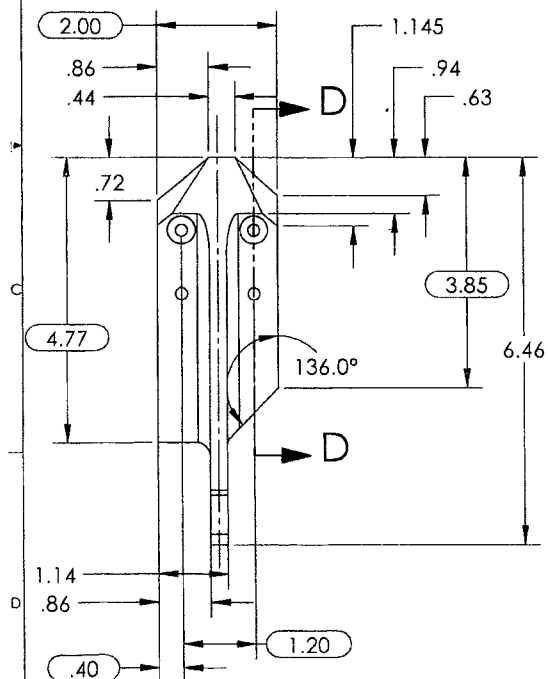
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SECTION D-D

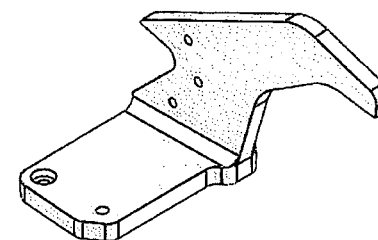
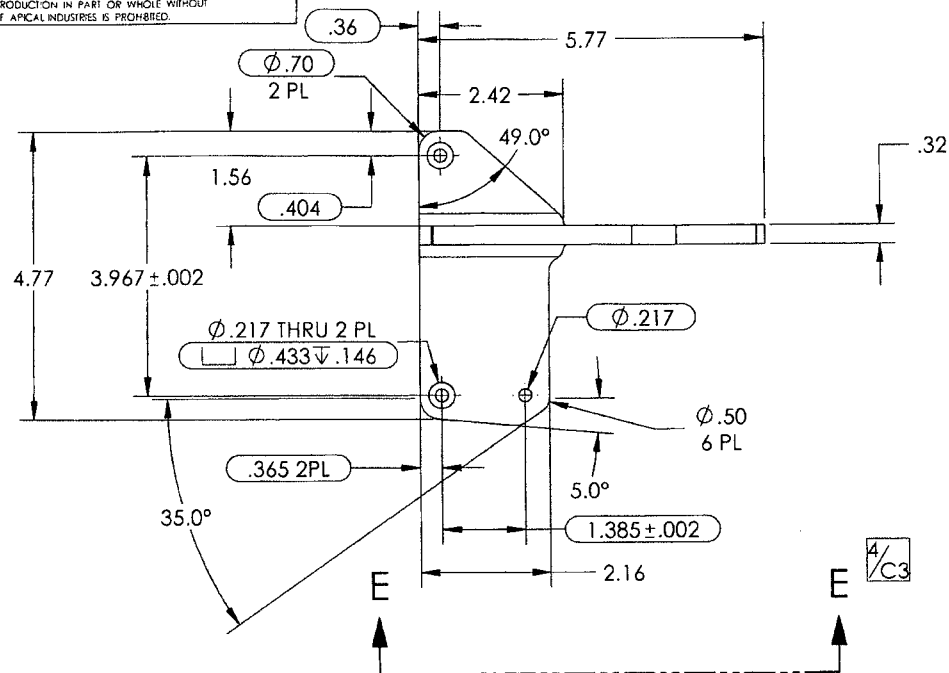


647.1610

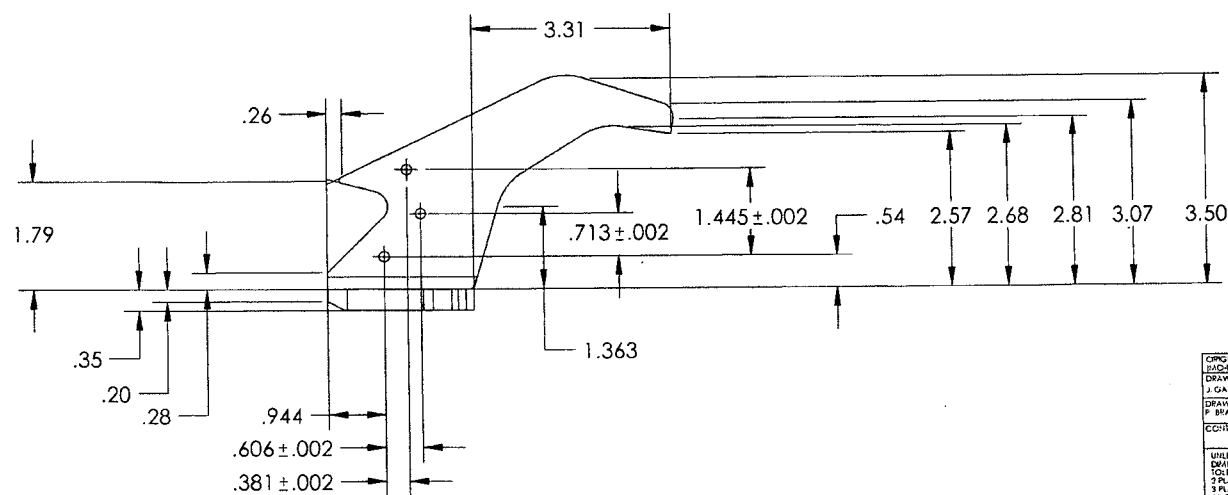


ORIGINAL DATE (MO-DA-YR) 05-10-09		APICAL INDUSTRIES	
DRAWN BY: CHECKER		260B TEMPLE HEIGHTS DR.	
DESIGNED BY: P. BRAVO		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL		WIPER DEFLECTOR ASSY	
P. BRAVO			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 ANGLES ± .5°		SIZE: CODE: DWG. NO. 647.1600	REV. A
		SCALE: NONE	SHEET 2 OF 6

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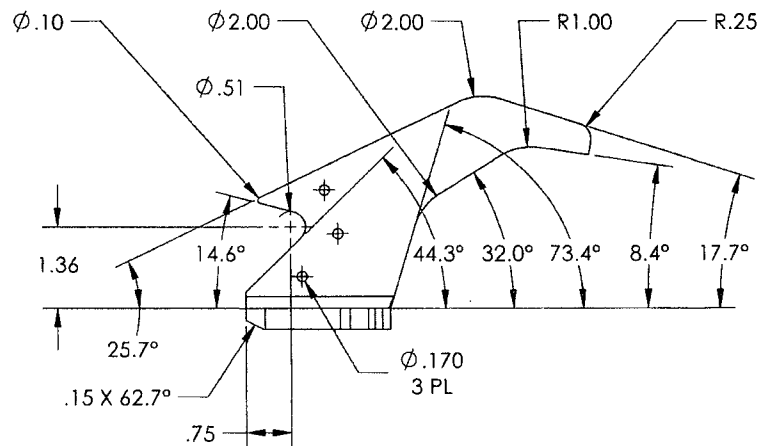


647.1611

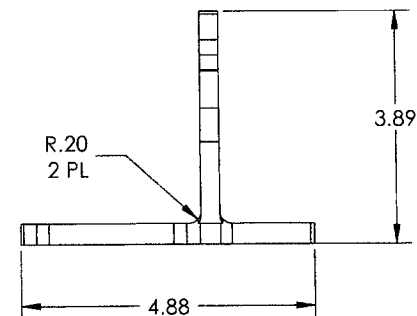


ORIGINAL DATE (P.O. DATE) 06-10-09 DRAWN BY 1. GARDNER 2. CHEPCEK 3. GARDNER 4. GARDNER 5. GARDNER 6. GARDNER 7. GARDNER 8. GARDNER 9. GARDNER 10. GARDNER 11. GARDNER 12. GARDNER 13. GARDNER 14. GARDNER 15. GARDNER 16. GARDNER 17. GARDNER 18. GARDNER 19. GARDNER 20. GARDNER 21. GARDNER 22. GARDNER 23. GARDNER 24. GARDNER 25. GARDNER 26. GARDNER 27. GARDNER 28. GARDNER 29. GARDNER 30. GARDNER 31. GARDNER 32. GARDNER 33. GARDNER 34. GARDNER 35. GARDNER 36. GARDNER 37. GARDNER 38. GARDNER 39. GARDNER 40. GARDNER 41. GARDNER 42. GARDNER 43. GARDNER 44. GARDNER 45. GARDNER 46. GARDNER 47. GARDNER 48. GARDNER 49. GARDNER 50. GARDNER 51. GARDNER 52. GARDNER 53. GARDNER 54. GARDNER 55. GARDNER 56. GARDNER 57. GARDNER 58. GARDNER 59. GARDNER 60. GARDNER 61. GARDNER 62. GARDNER 63. GARDNER 64. GARDNER 65. GARDNER 66. GARDNER 67. GARDNER 68. GARDNER 69. GARDNER 70. GARDNER 71. GARDNER 72. GARDNER 73. GARDNER 74. GARDNER 75. GARDNER 76. GARDNER 77. GARDNER 78. GARDNER 79. GARDNER 80. GARDNER 81. GARDNER 82. GARDNER 83. GARDNER 84. GARDNER 85. GARDNER 86. GARDNER 87. GARDNER 88. GARDNER 89. GARDNER 90. GARDNER 91. GARDNER 92. GARDNER 93. GARDNER 94. GARDNER 95. GARDNER 96. GARDNER 97. GARDNER 98. GARDNER 99. GARDNER 100. GARDNER 101. GARDNER 102. GARDNER 103. GARDNER 104. GARDNER 105. GARDNER 106. GARDNER 107. GARDNER 108. GARDNER 109. GARDNER 110. GARDNER 111. GARDNER 112. GARDNER 113. GARDNER 114. GARDNER 115. GARDNER 116. GARDNER 117. GARDNER 118. GARDNER 119. GARDNER 120. GARDNER 121. GARDNER 122. GARDNER 123. GARDNER 124. GARDNER 125. GARDNER 126. GARDNER 127. GARDNER 128. GARDNER 129. GARDNER 130. GARDNER 131. GARDNER 132. GARDNER 133. GARDNER 134. GARDNER 135. GARDNER 136. GARDNER 137. GARDNER 138. GARDNER 139. GARDNER 140. GARDNER 141. GARDNER 142. GARDNER 143. GARDNER 144. GARDNER 145. GARDNER 146. GARDNER 147. GARDNER 148. GARDNER 149. GARDNER 150. GARDNER 151. GARDNER 152. GARDNER 153. GARDNER 154. GARDNER 155. GARDNER 156. GARDNER 157. GARDNER 158. GARDNER 159. GARDNER 160. GARDNER 161. GARDNER 162. GARDNER 163. GARDNER 164. GARDNER 165. GARDNER 166. GARDNER 167. GARDNER 168. GARDNER 169. GARDNER 170. GARDNER 171. GARDNER 172. GARDNER 173. GARDNER 174. GARDNER 175. GARDNER 176. GARDNER 177. GARDNER 178. GARDNER 179. GARDNER 180. GARDNER 181. GARDNER 182. GARDNER 183. GARDNER 184. GARDNER 185. GARDNER 186. GARDNER 187. GARDNER 188. GARDNER 189. GARDNER 190. GARDNER 191. GARDNER 192. GARDNER 193. GARDNER 194. GARDNER 195. GARDNER 196. GARDNER 197. GARDNER 198. GARDNER 199. GARDNER 200. GARDNER 201. GARDNER 202. GARDNER 203. GARDNER 204. GARDNER 205. GARDNER 206. GARDNER 207. GARDNER 208. GARDNER 209. GARDNER 210. GARDNER 211. GARDNER 212. GARDNER 213. GARDNER 214. GARDNER 215. GARDNER 216. GARDNER 217. GARDNER 218. GARDNER 219. GARDNER 220. GARDNER 221. GARDNER 222. GARDNER 223. GARDNER 224. GARDNER 225. GARDNER 226. GARDNER 227. GARDNER 228. GARDNER 229. GARDNER 230. GARDNER 231. GARDNER 232. GARDNER 233. GARDNER 234. GARDNER 235. GARDNER 236. GARDNER 237. GARDNER 238. GARDNER 239. GARDNER 240. GARDNER 241. GARDNER 242. GARDNER 243. GARDNER 244. GARDNER 245. GARDNER 246. GARDNER 247. GARDNER 248. GARDNER 249. GARDNER 250. GARDNER 251. GARDNER 252. GARDNER 253. GARDNER 254. GARDNER 255. GARDNER 256. GARDNER 257. GARDNER 258. GARDNER 259. GARDNER 260. GARDNER 261. GARDNER 262. GARDNER 263. GARDNER 264. GARDNER 265. GARDNER 266. GARDNER 267. GARDNER 268. GARDNER 269. GARDNER 270. GARDNER 271. GARDNER 272. GARDNER 273. GARDNER 274. GARDNER 275. GARDNER 276. GARDNER 277. GARDNER 278. GARDNER 279. GARDNER 280. GARDNER 281. GARDNER 282. GARDNER 283. GARDNER 284. GARDNER 285. GARDNER 286. GARDNER 287. GARDNER 288. GARDNER 289. GARDNER 290. GARDNER 291. GARDNER 292. GARDNER 293. GARDNER 294. GARDNER 295. GARDNER 296. GARDNER 297. GARDNER 298. GARDNER 299. GARDNER 300. GARDNER 301. GARDNER 302. GARDNER 303. GARDNER 304. GARDNER 305. GARDNER 306. GARDNER 307. GARDNER 308. GARDNER 309. GARDNER 310. GARDNER 311. GARDNER 312. GARDNER 313. GARDNER 314. GARDNER 315. GARDNER 316. GARDNER 317. GARDNER 318. GARDNER 319. GARDNER 320. GARDNER 321. GARDNER 322. GARDNER 323. GARDNER 324. GARDNER 325. GARDNER 326. GARDNER 327. GARDNER 328. GARDNER 329. GARDNER 330. GARDNER 331. GARDNER 332. GARDNER 333. GARDNER 334. GARDNER 335. GARDNER 336. GARDNER 337. GARDNER 338. GARDNER 339. GARDNER 340. GARDNER 341. GARDNER 342. GARDNER 343. GARDNER 344. GARDNER 345. GARDNER 346. GARDNER 347. G

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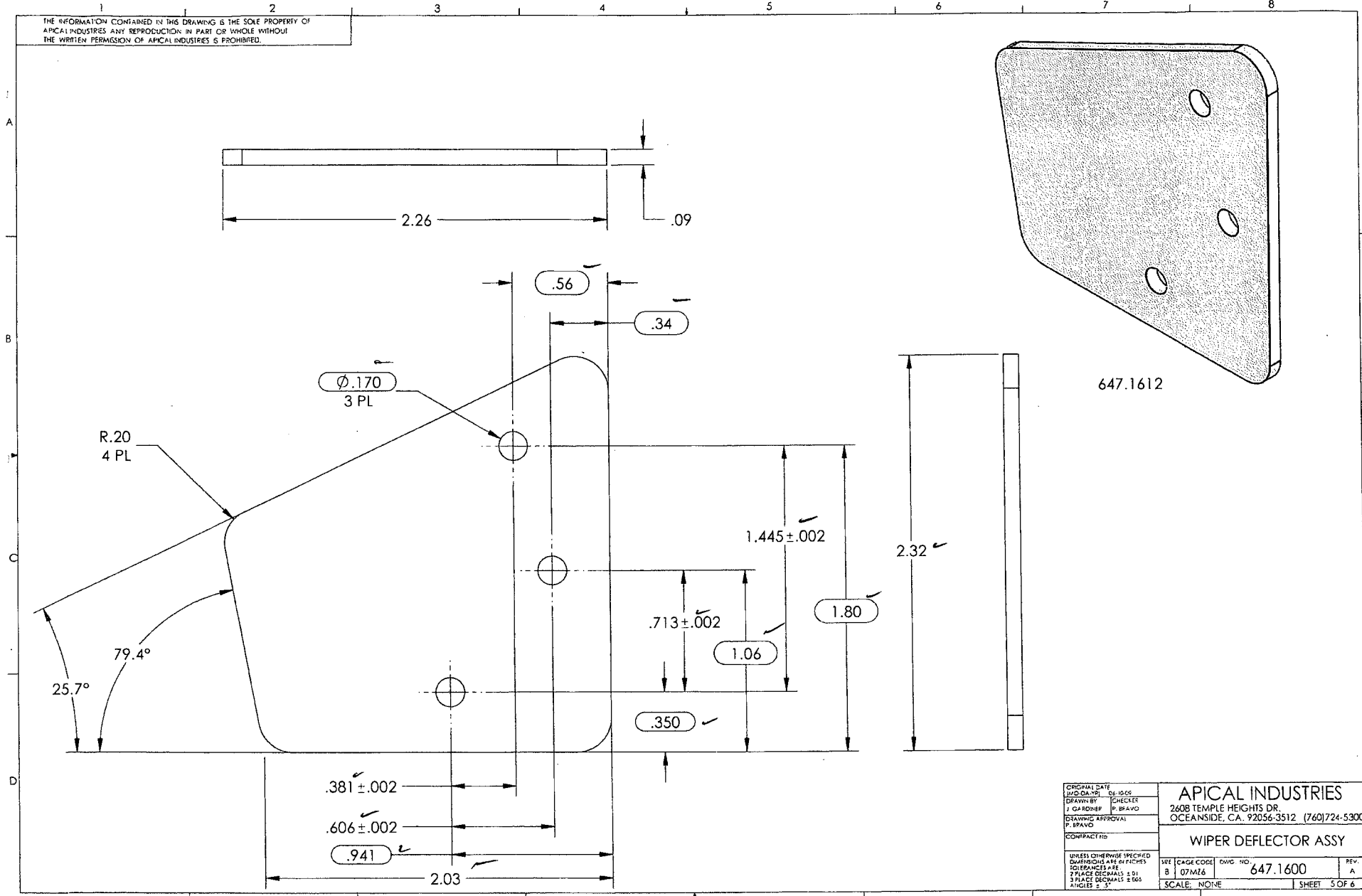


SECTION E-E $\frac{3}{B4}$



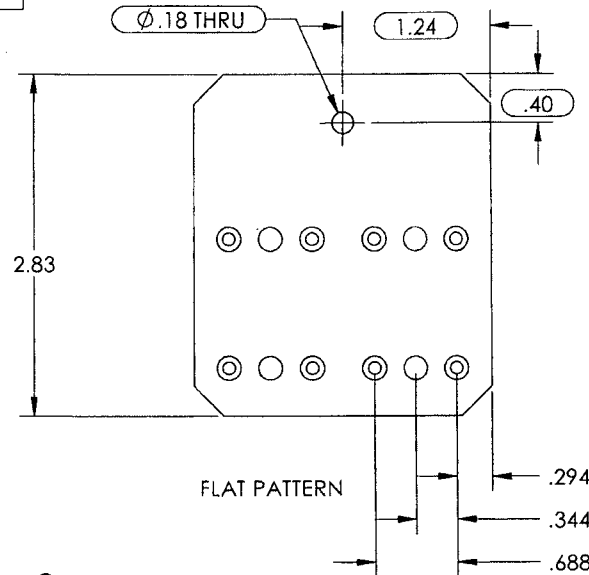
ORIGINAL DATE INVOICE DATE 05-10-09		APICAL INDUSTRIES	
DRAWN BY: J. GARDNER		2608 TEMPLE HEIGHTS DR.	
CHECKED BY: P. BRAVO		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRAVO		WIPER DEFLECTOR ASSY	
CONTRACT NO.		SCALE: NONE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SHEET 4 OF 6	REV. A
SIZE B	CAGE CODE 07M26	DWG NO. 647.1600	

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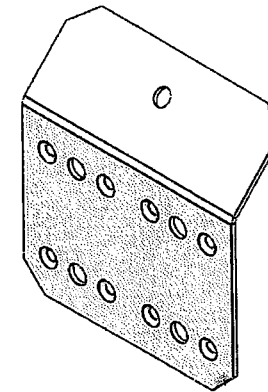


ORIGINAL DATE 1/20/04 BY DRAWN BY J. GARDNER CHECKER P. BRAVO DRAWING APPROVAL P. BRAVO CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SHEET 8	REV. A
SCALE: NONE		DWG. NO. 647.1600	SHEET 5 OF 6

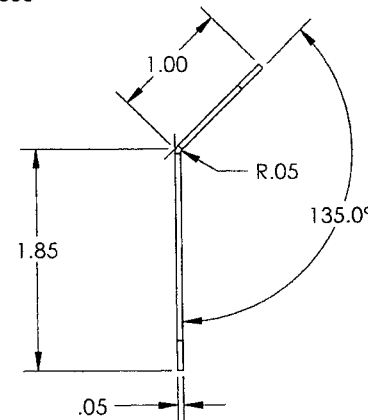
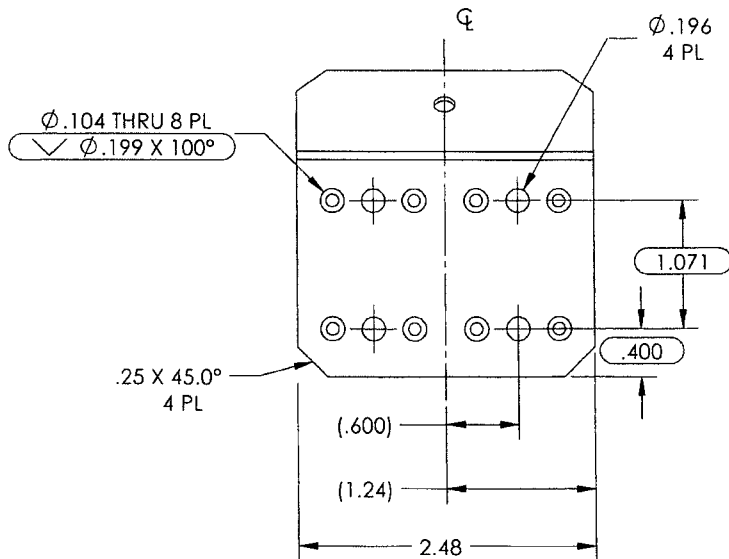
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



FLAT PATTERN



647.1613



ORIGINAL DATE (MM-DD-YY) 06-10-09		APICAL INDUSTRIES	
DRAWN BY J. GARDNER		2608 TEMPLE HEIGHTS DR.	
CHECKED BY P. BRAVO		OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRAVO		WIPER DEFLECTOR ASSY	
CONTRACT NO.		647.1600	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 3 PLACE DECIMALS ± .01 ANGLES ± .5°		SHEET 5 OF 6	REV. A

SPACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO27915

Purchase Order Date 3/27/2015

PO Print Date 4/1/2015

Page Number 3 of 5

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

Contact Name

Vendor Phone

613-446-4544

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Line Total: \$588.75

6	123001	647.0116 DOUBLER REV. A	4/13/2015	17.00	\$7.40	\$125.80
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Yes

4/13/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2
PRIME: AS PER IAW MIL-P-23377J TYPE I, CLASS N

Line Total: \$125.80

7	112372	647.1612 SPLICE PLATE REV. A	4/13/2015	4.00	\$6.90	\$27.60
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Yes

4/13/2015

FINISH: HARD BLACK ANODIZE AS PER IAW MIL-A-8625 TYPE III, CLASS 2
PRIME: AS PER IAW MIL-P-23377J TYPE I, CLASS N

2015-04-14

Line Total: \$27.60

Note:

4/1/2015



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada

Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 63643

Date: 10-Apr-15

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via	
Quantity	Description		
	PAINT IS SUPPLIED BY CUSTOMER Job: 20150271		



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 63643

Date: 10-Apr-15

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via
Quantity	Description	
	A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order.	
	ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY	
	DATE : <u>10/4/15</u>	
	CERTIFIED SIGNATURE : <u>[Signature]</u>	
	RECEIVER SIGNATURE : <u>Sp15-04-14</u>	